Claims

We claim:

1. A converter in a radio-frequency (RF) apparatus, the converter comprising a feedback circuitry having a shielded input and a shielded output, wherein the shielded input and the shielded output tend to reduce interference in the converter.

2. The converter according to claim 1, further comprising:

a first filter coupled to the shielded input of the feedback circuitry; and

a second filter coupled to the shielded output of the feedback circuitry.

3. A method of reducing interference in a non-linear circuit in a radio-frequency (RF) apparatus, wherein the non-linear circuit has an input and an output, the method comprising:

shielding an input of the non-linear circuit; and

shielding an output of the non-linear circuit.

4. The method according to claim 3, further comprising filtering an input signal supplied to the input of the non-linear circuit.